

FIG. 3

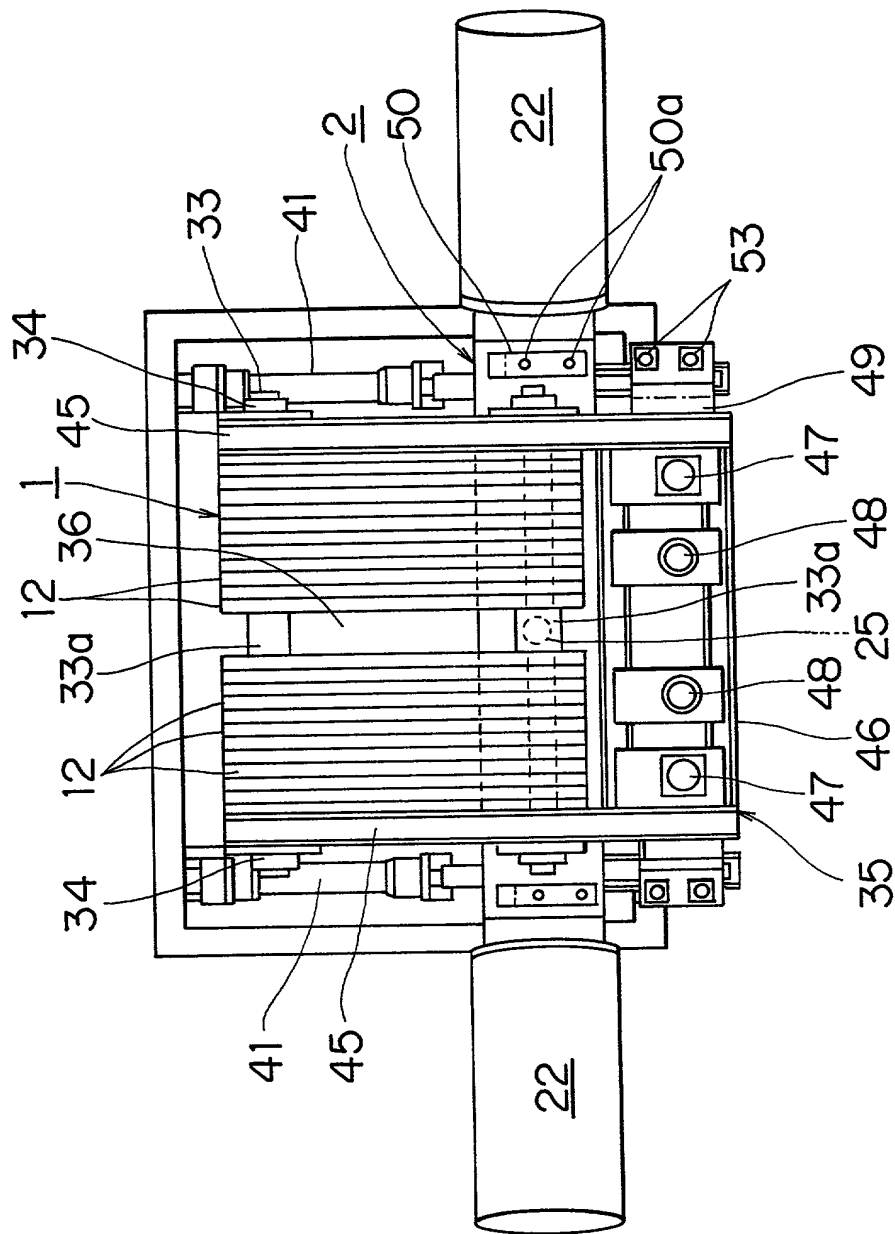


FIG. 4

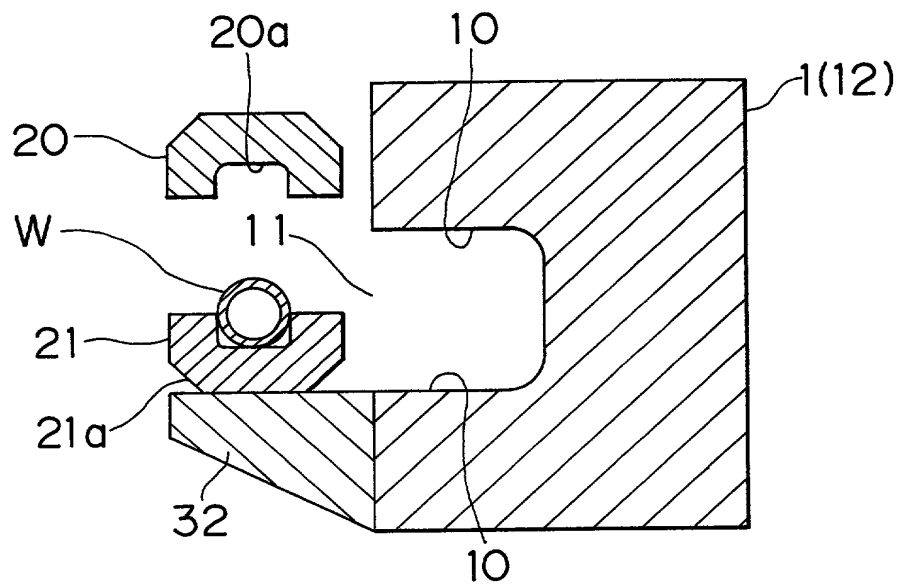


FIG. 5

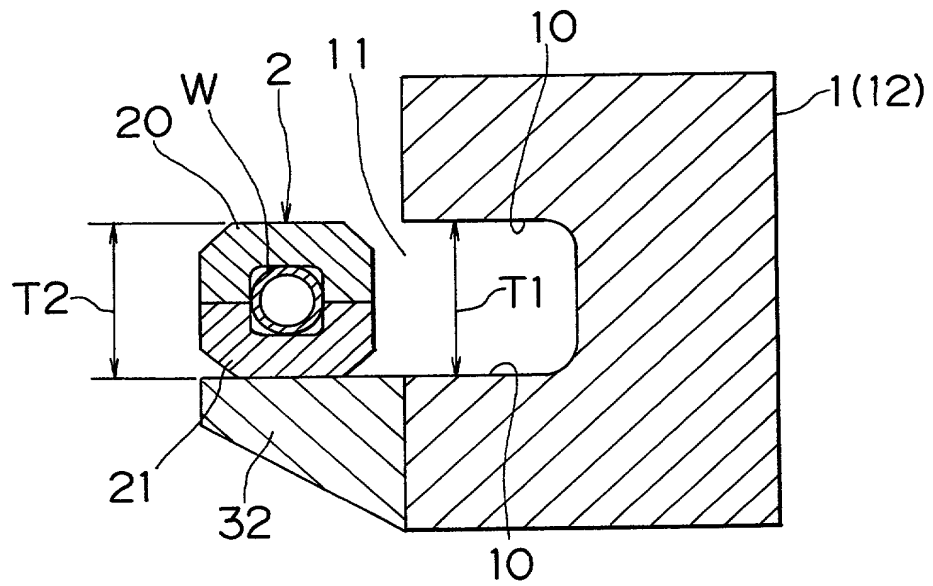


FIG. 6

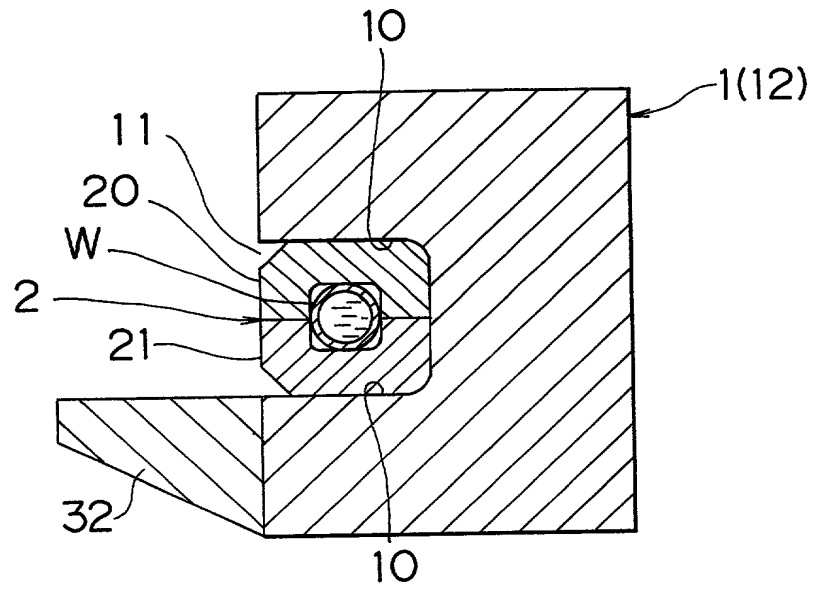


FIG. 7

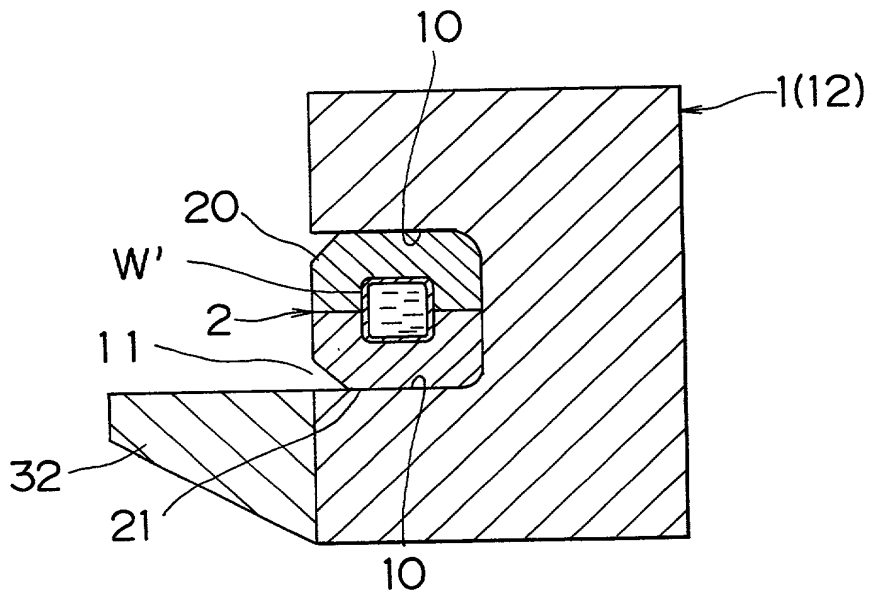


FIG. 8

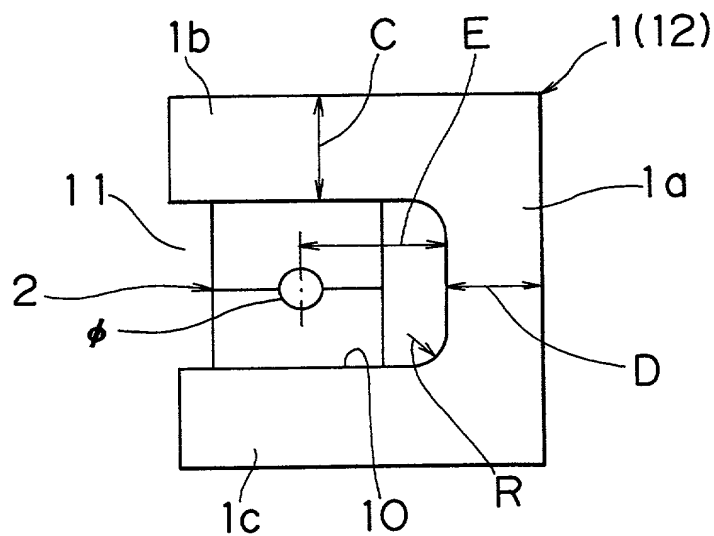


FIG. 9

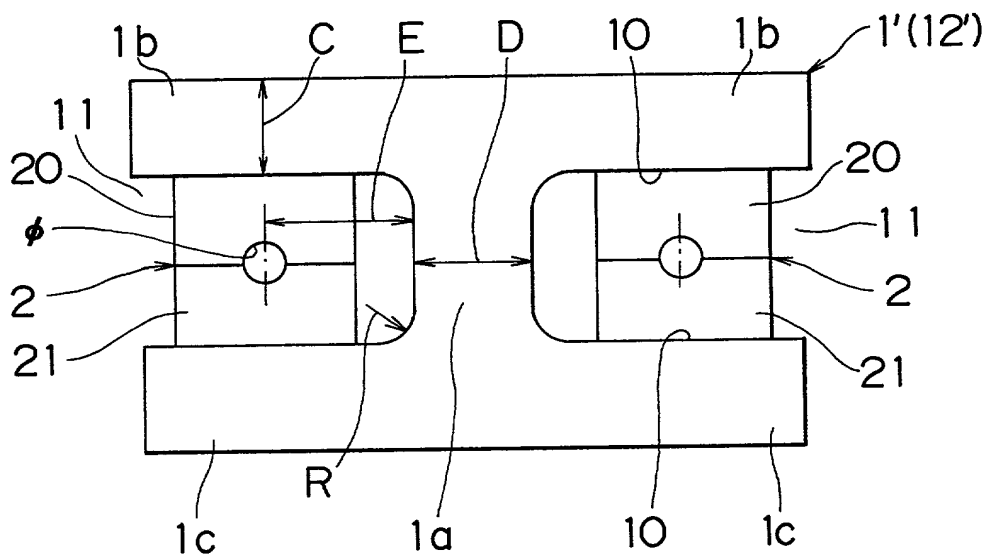


FIG. 10A

EQUIPMENT VOLUME
RATIO BY
COMPARISON WITH
CONVENTIONAL ONE

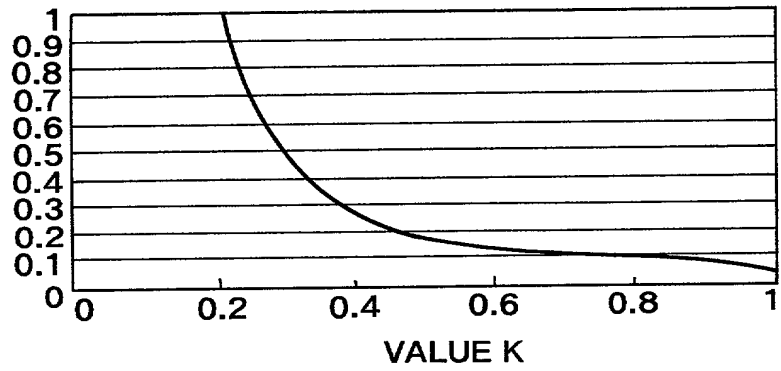


FIG. 10B

STRENGTH
ALLOWANCE

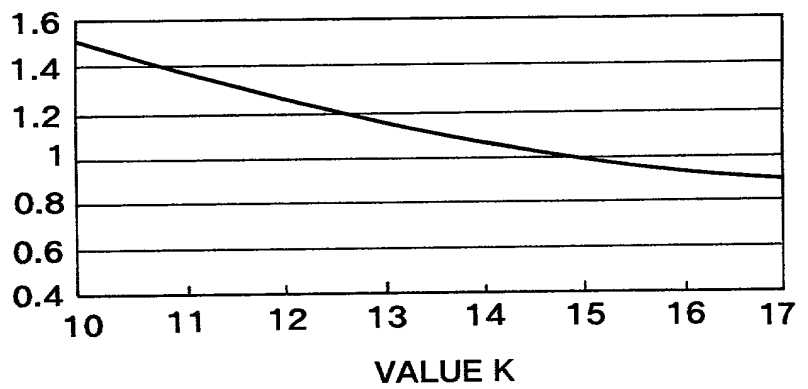
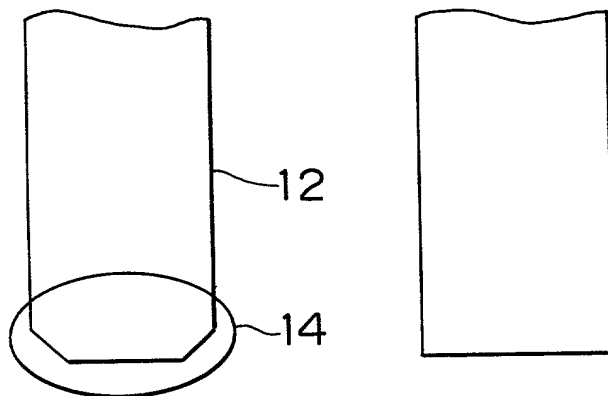


FIG. 11



STEEL PLATE CHAMFERED
FOR USE IN INVENTION

NON-CHAMFERED
STEEL PLATE

FIG. 12

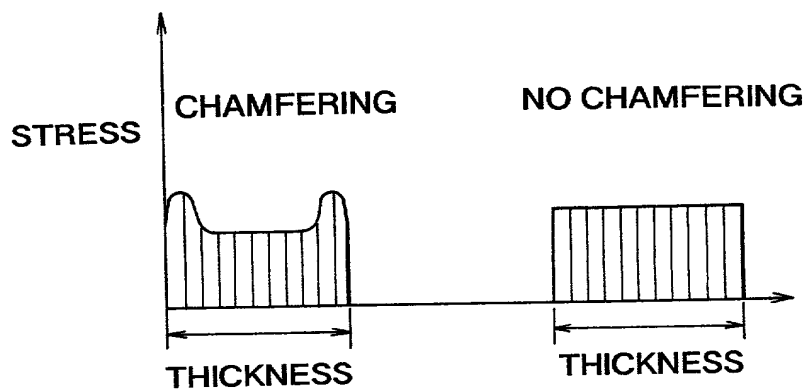


FIG. 13

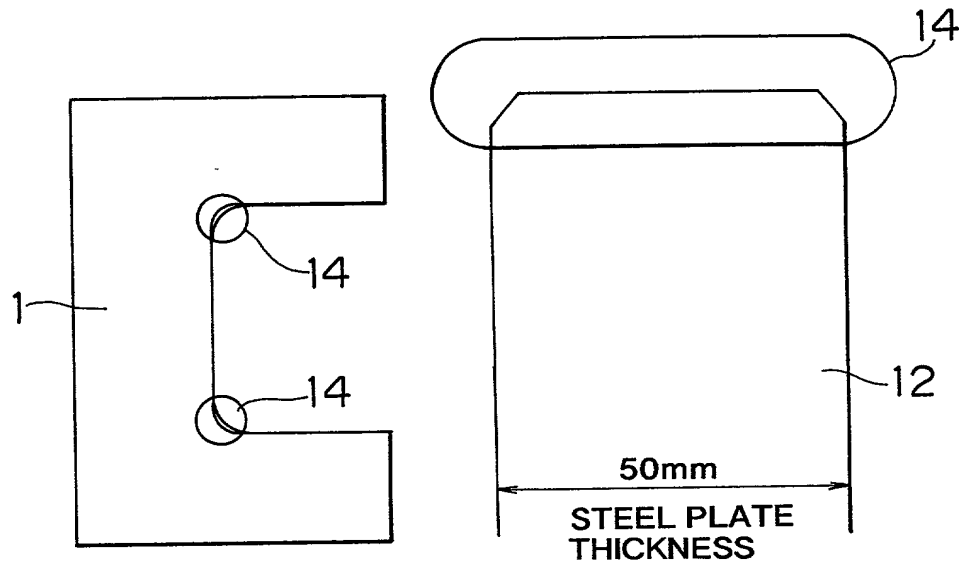


FIG. 14

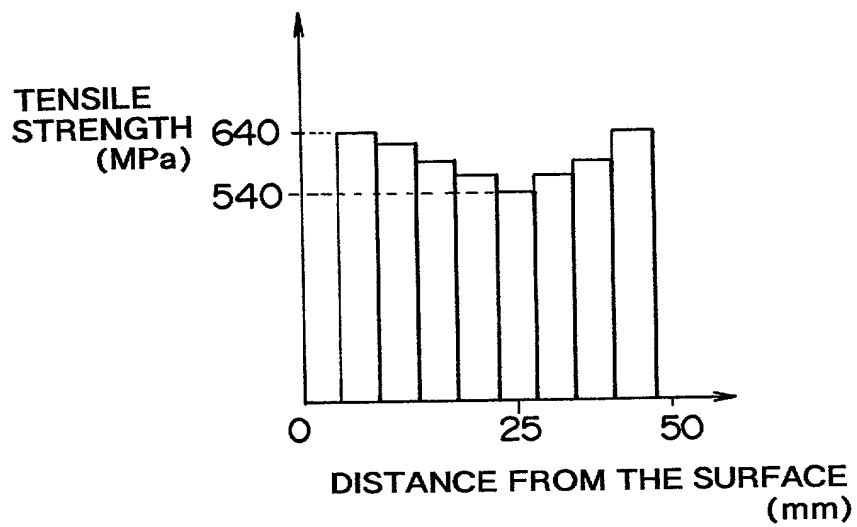


FIG. 15

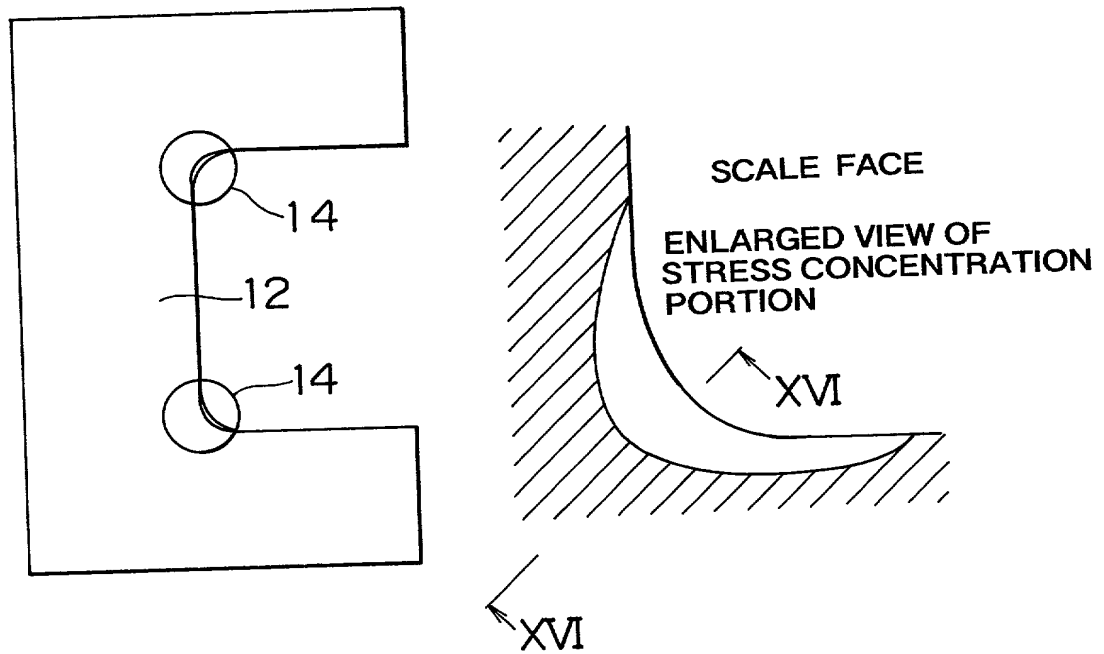


FIG. 16

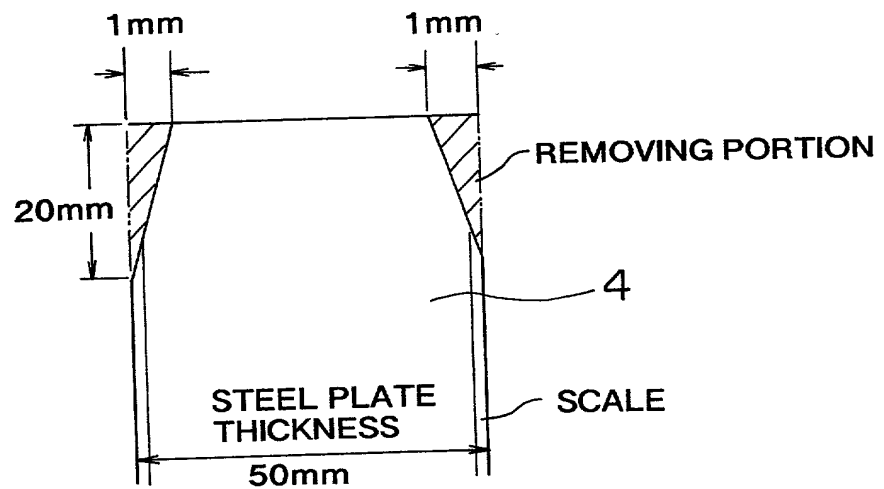


FIG. 17

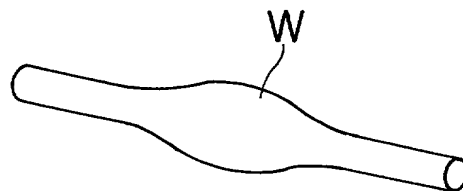
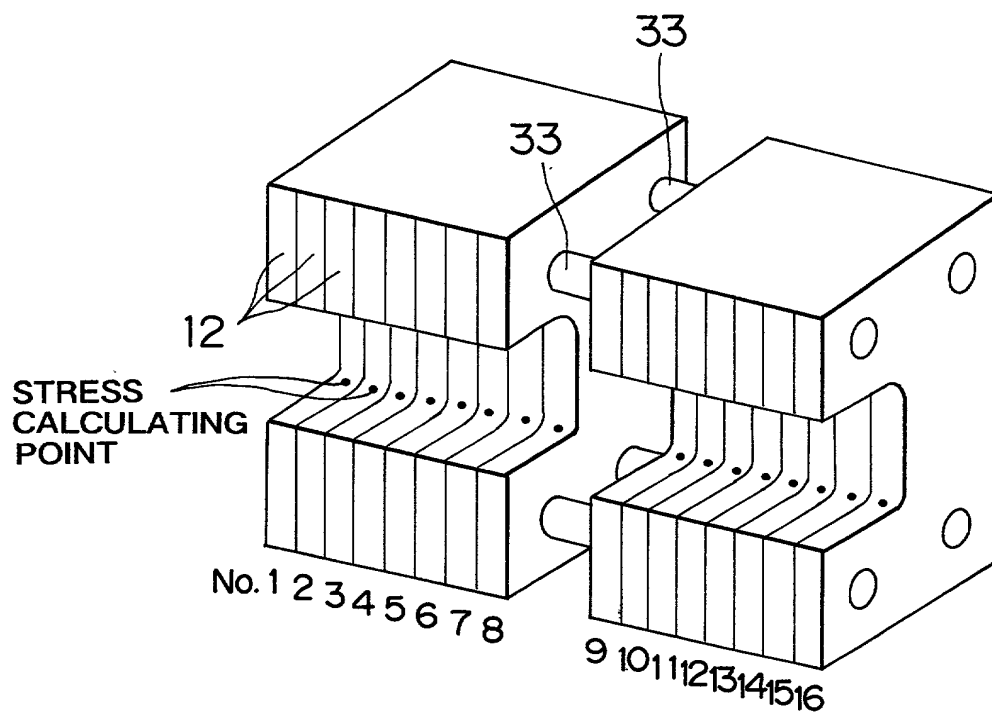


FIG. 18

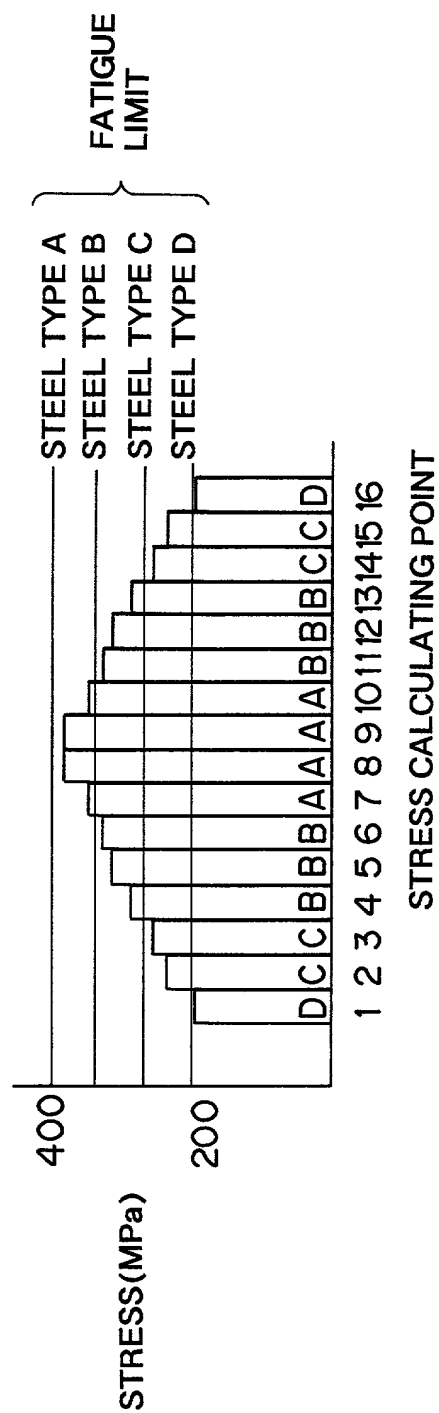


FIG. 19

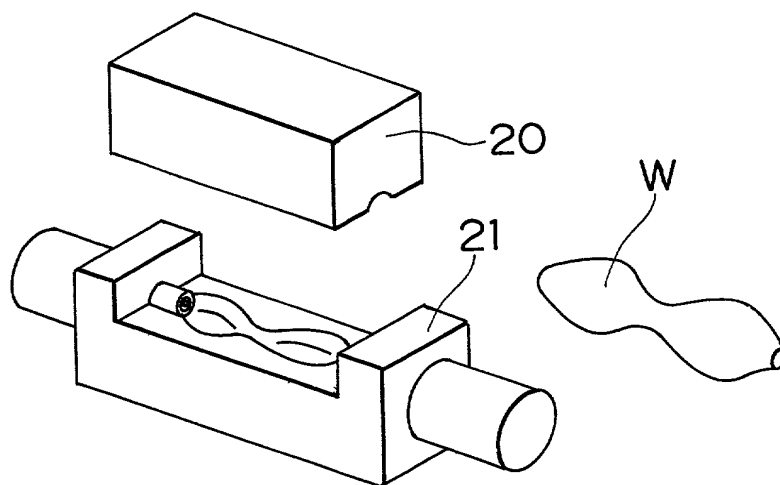


FIG. 21

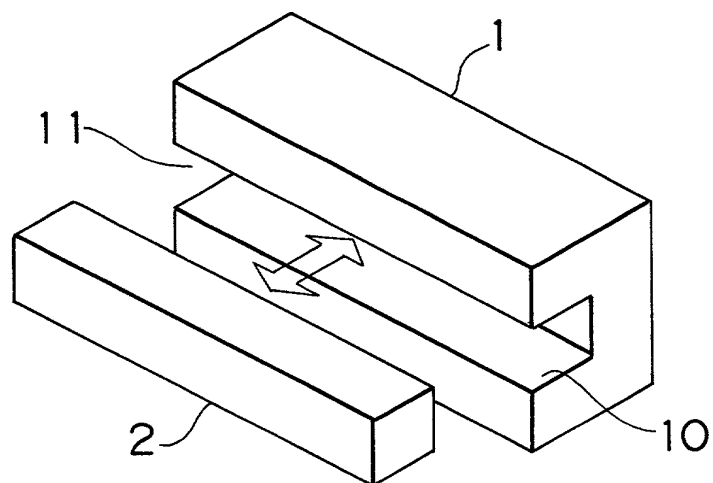


FIG. 22

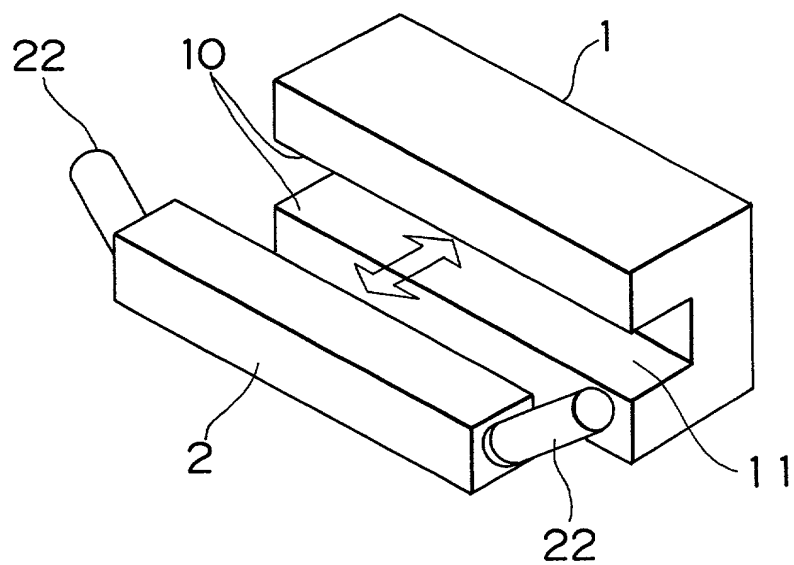


FIG. 23

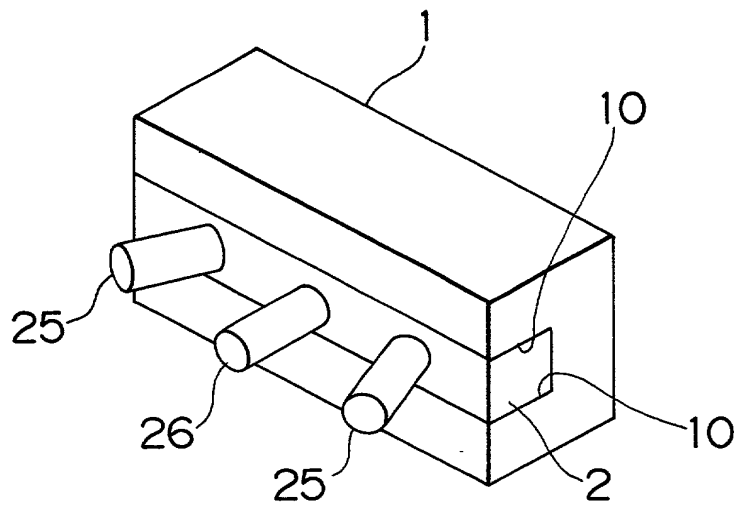


FIG. 24

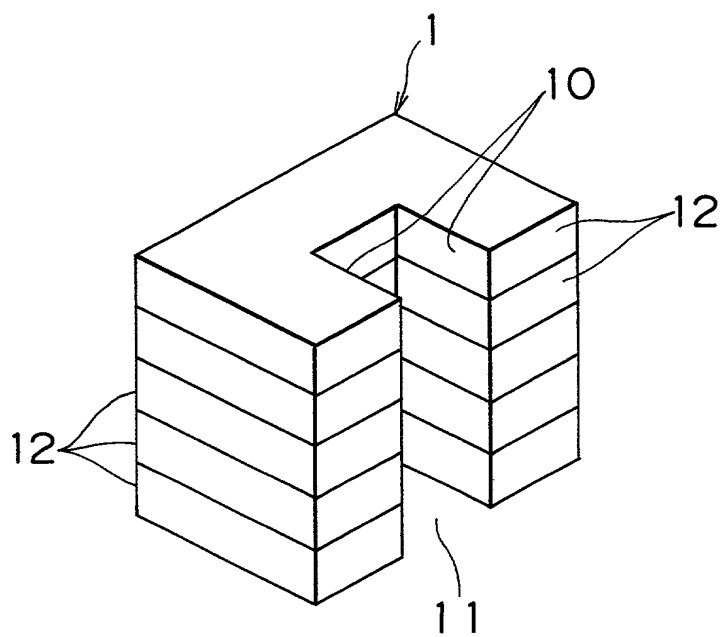


FIG. 27

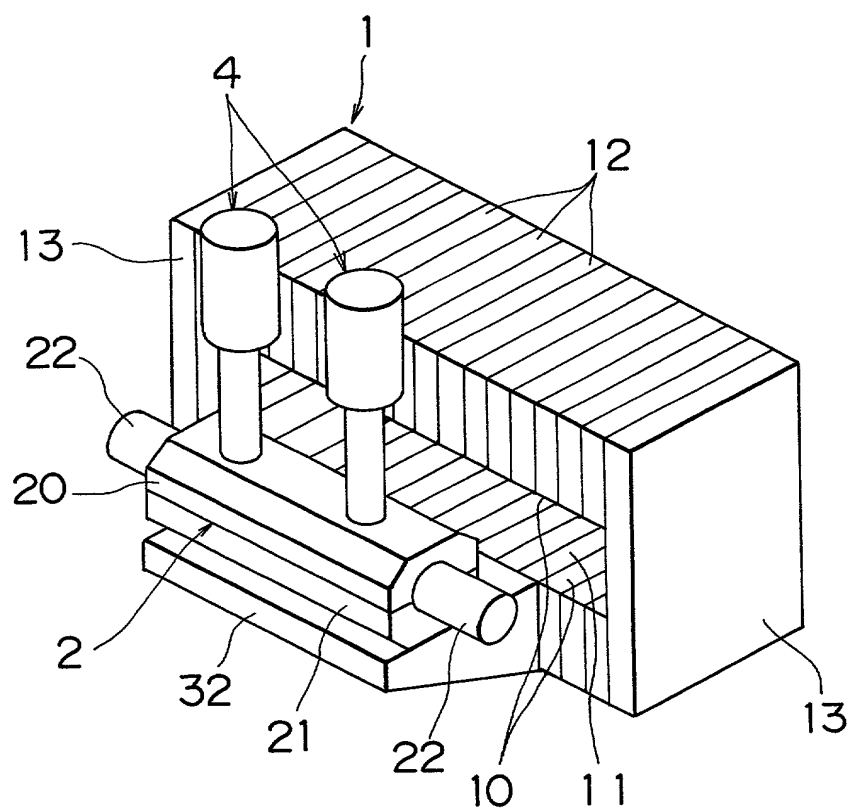


FIG. 25

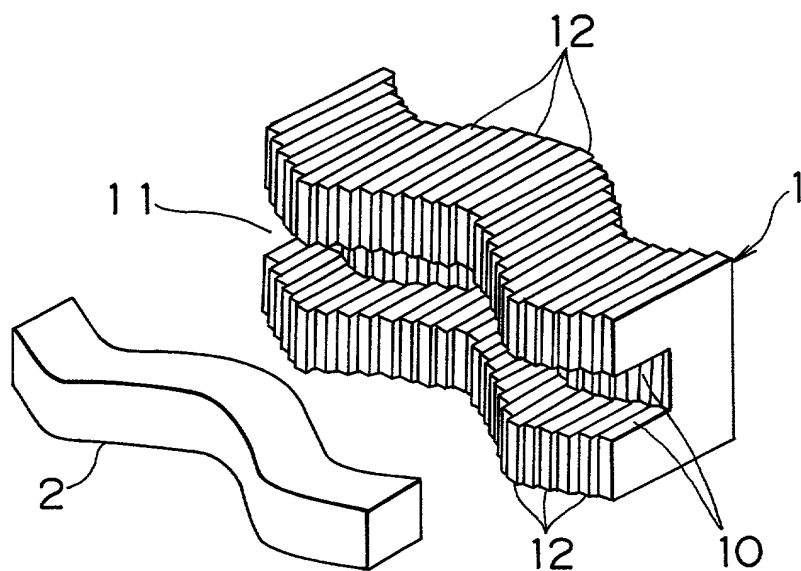


FIG. 26

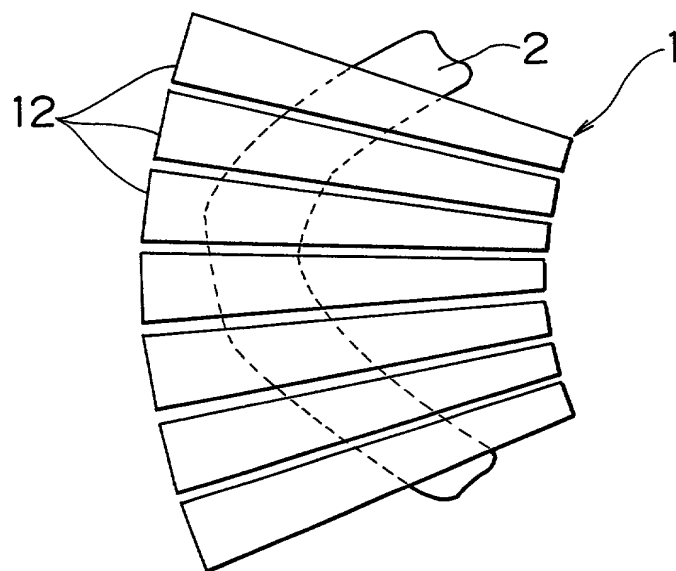


FIG. 28

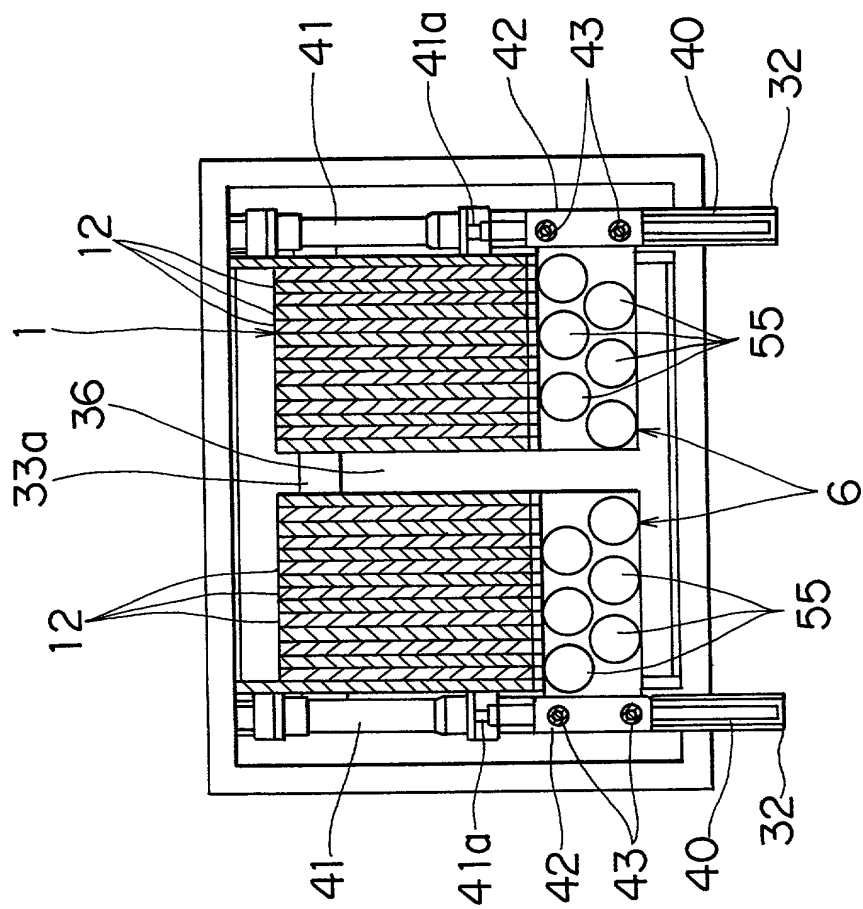


FIG. 29

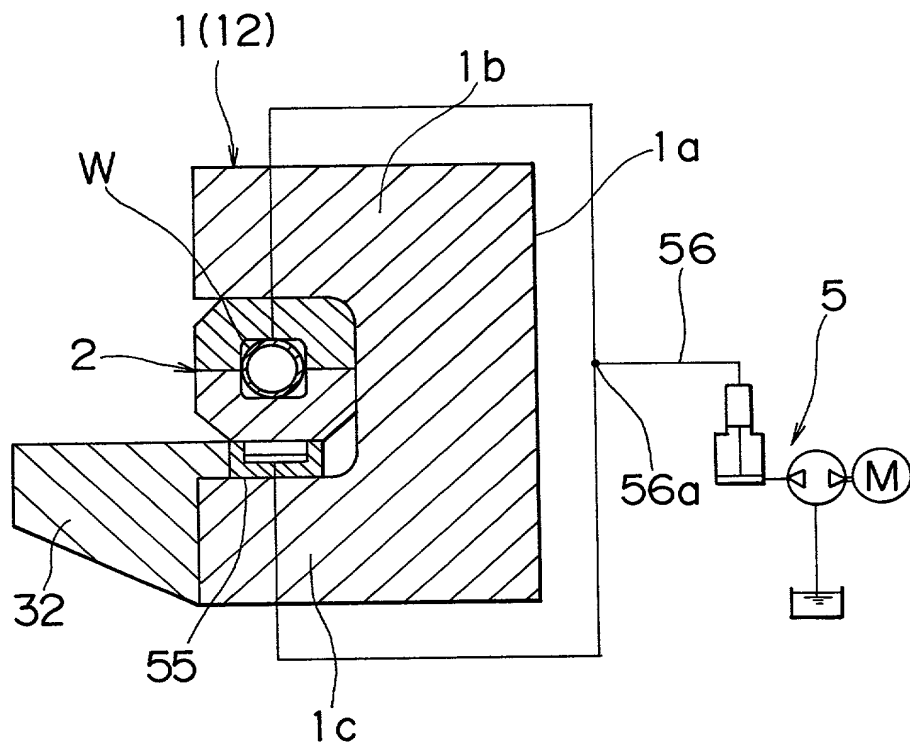


FIG. 30

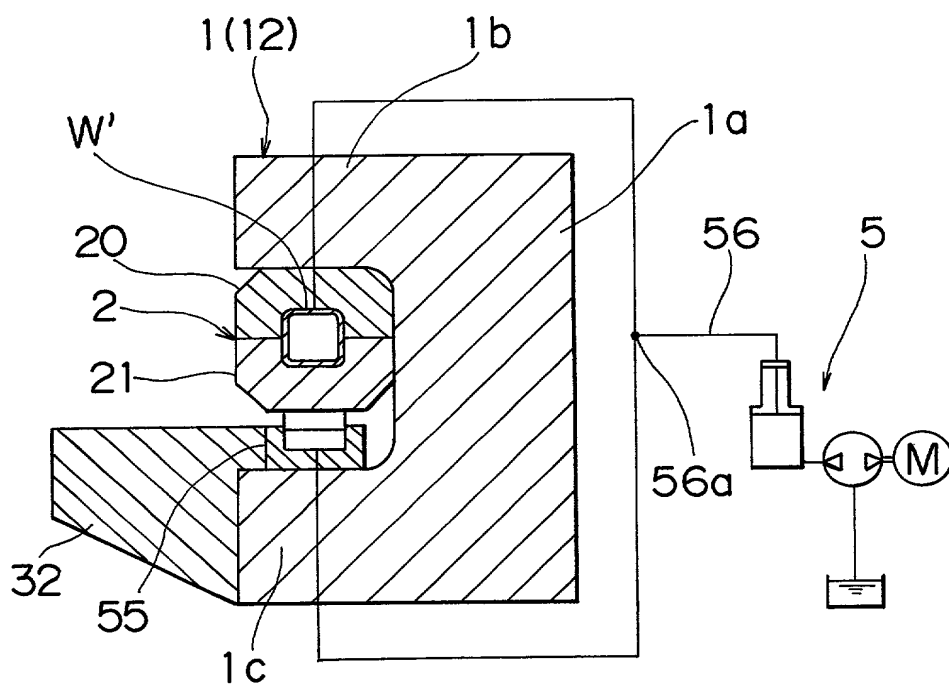


FIG. 31

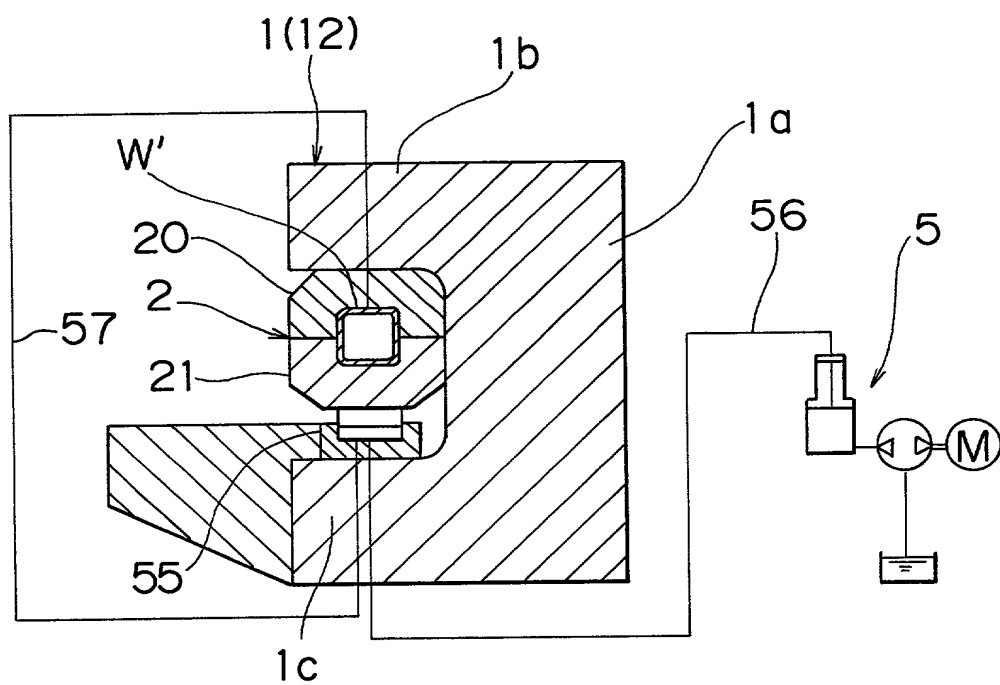


FIG. 32

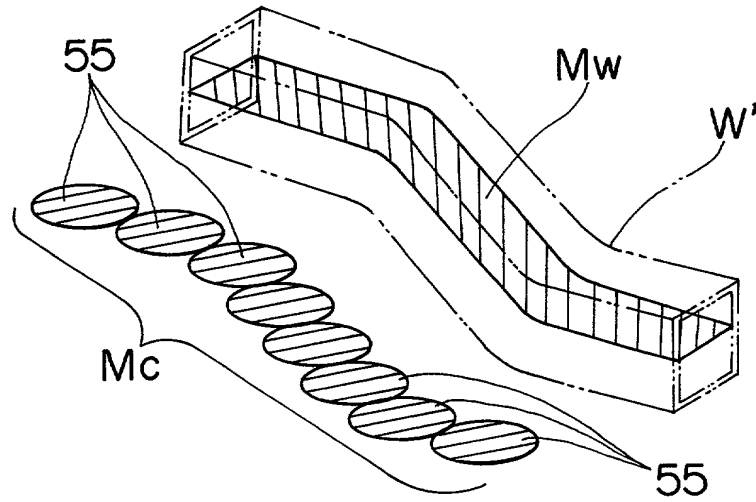


FIG. 33

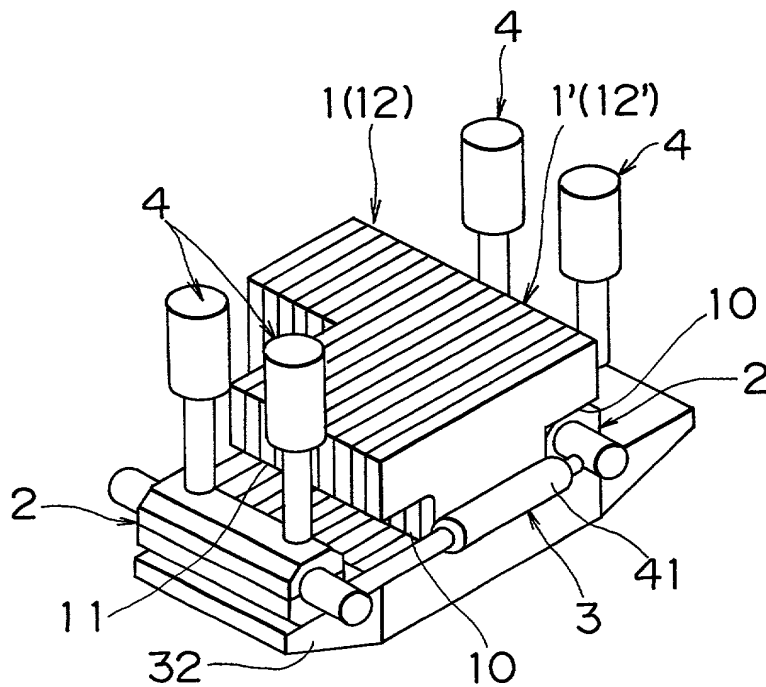


FIG. 34A

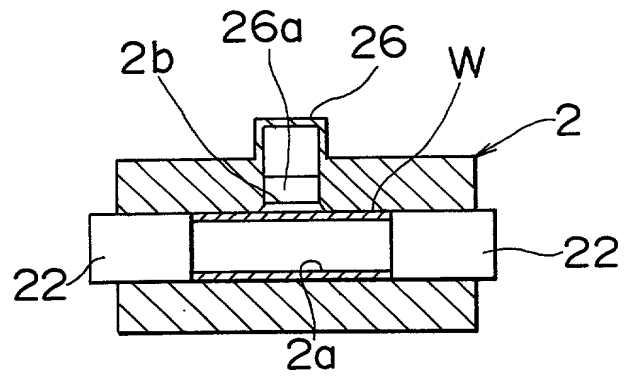


FIG. 34B

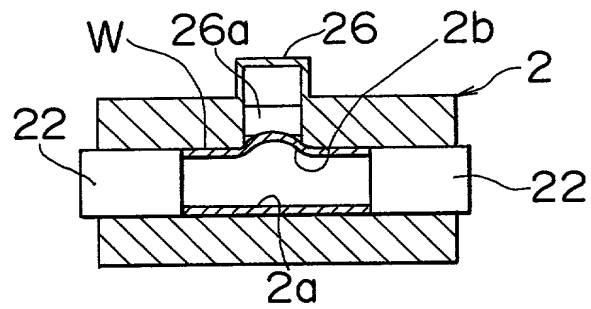


FIG. 34C

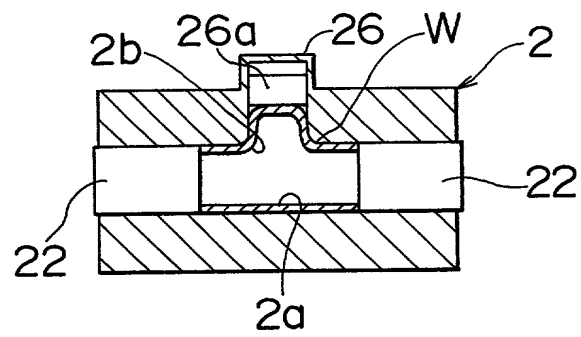


FIG. 35
RELATED ART

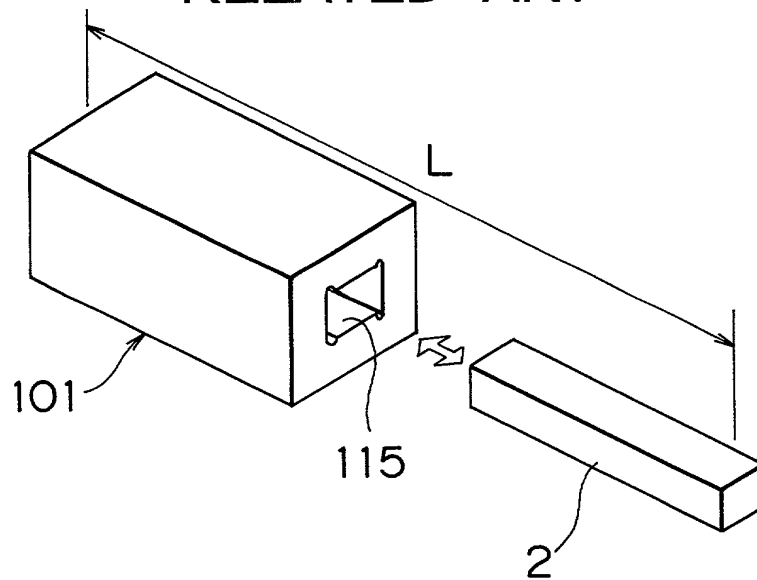


FIG. 36
RELATED ART

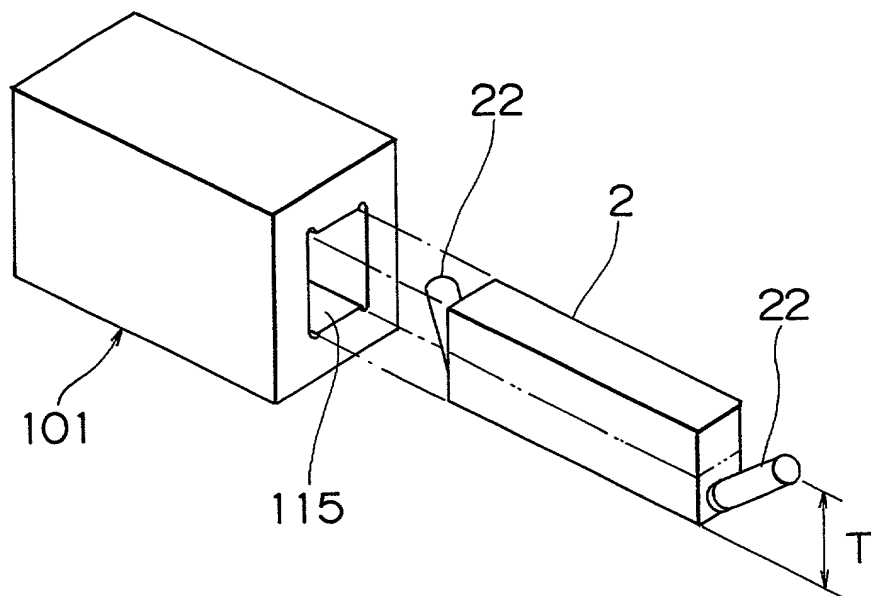


FIG. 37
RELATED ART

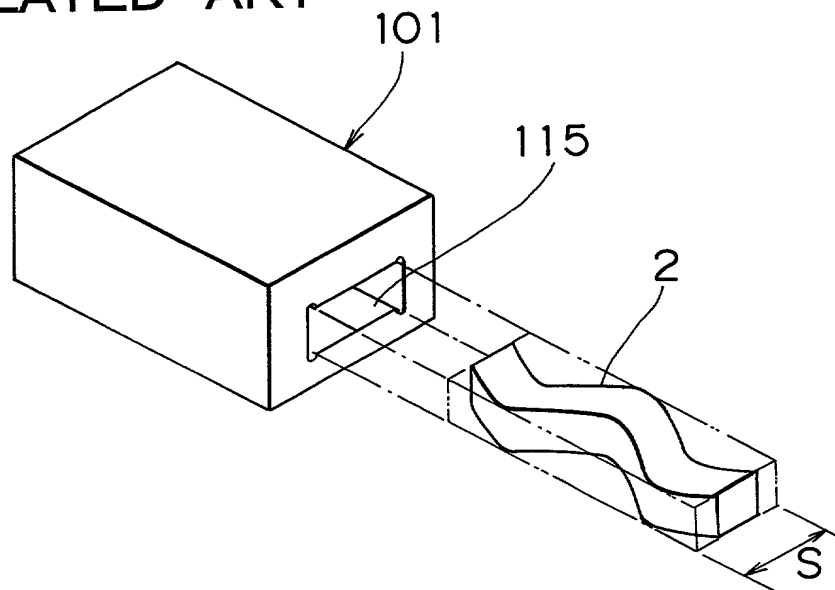


FIG. 38
RELATED ART

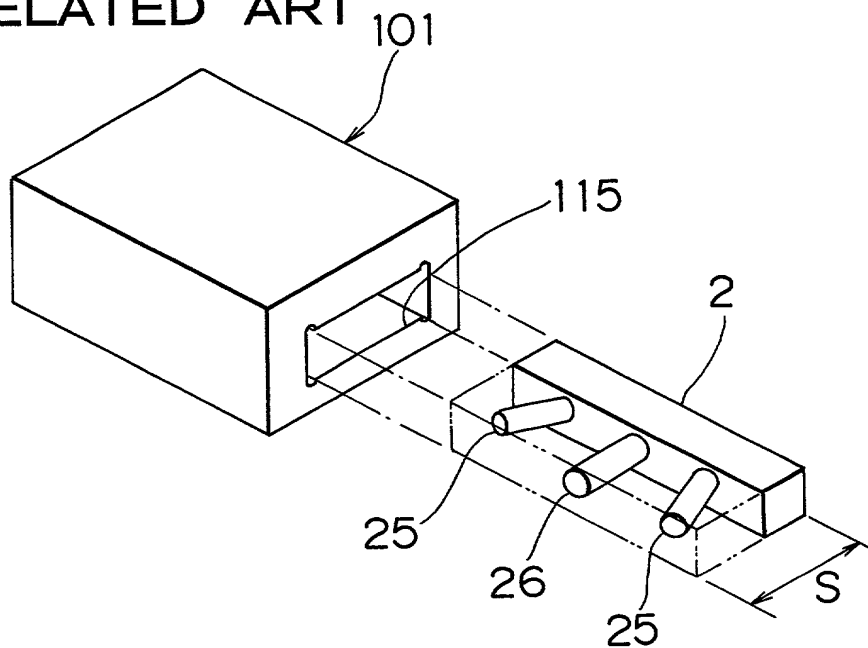


FIG. 39
RELATED ART

